



Attorney Docket No. 03579/LH

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicant(s): T. NAKAJIMA et al.

Serial No. : 10/669,694

Filed : SEPTEMBER 23, 2003

For : IMAGE PROCESSING METHOD,  
IMAGE PROCESSING APPARATUS,  
IMAGE PROCESSING PROGRAM  
AND IMAGE RECORDING  
APPARATUS

Art Unit : 2614

Examiner : Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT  
WITH STATEMENT UNDER 37 CFR 1.97(e)  
AND STATEMENT UNDER 37 CFR 1.704(d)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R :

- (1) Copy of a European Search Report dated April 6, 2004, issued in the counterpart European application;
- (2) Copies of the cited publications; and
- (3) Forms PTO/SB/08A and PTO/SB/08B. It is requested that initialed copies of the Forms PTO/SB/08A and PTO/SB/08B be returned to indicate that the publications listed therein have been considered and made of record.

Said communication is in English, thereby satisfying the requirements for a concise explanation of relevance for any non-English language publications cited therein (MPEP 609 III A(3)).

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Nalni P. Sahadeo

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper to Account No. 06-1378.

**STATEMENT UNDER 37 CFR 1.97(e) (1)**

Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the present Information Disclosure Statement. Said Communication bears a mailing date of April 6, 2004. Therefore, the filing of this Information Disclosure Statement is timely under the provisions of 37 CFR 1.97(e) and does not require a fee.

**STATEMENT UNDER 37 CFR 1.704(d)**

Each item of information contained in this Information Disclosure Statement was cited in said communication from a foreign patent office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the present Information Disclosure Statement.

It is respectfully requested that the attached publications be considered and made of record.

Respectfully submitted,

April 19, 2004

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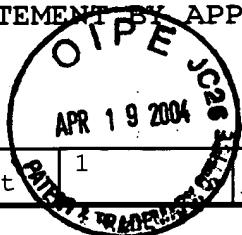
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PTO/SB/08A (08-00)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Application Number		10/669,694
	Filing Date		SEPTEMBER 23, 2003
	First Named Inventor		T. NAKAJIMA ET AL
	Group Art Unit		2614
	Examiner Name		Not Yet Assigned
Sheet 1 of 2	Attorney Docket Number		03579/LH



## U.S. PATENT DOCUMENTS

Exam. Inits*	Cite No <sup>1</sup>	Document Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
	A	2002/0054713	A1	MATSUURA	05-09-2002	
	B	5,619,998	A	ABDEL-MALEK et al.	04-15-1997	

## FOREIGN PATENT DOCUMENTS

Exam Inits*	Cite No <sup>1</sup>	Offc <sup>3</sup>	Document Number <sup>4</sup>	Kind Code <sup>5</sup>	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T <sup>6</sup>

Examiner Signature		Date Considered	
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

\* English language abstract enclosed

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Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT OF APPLICANT</b>		Application Number	10/669,694
		Filing Date	SEPTEMBER 23, 2003
		First Named Inventor	T. NAKAJIMA ET AL
		Group Art Unit	2614
		Examiner Name	Not Yet Assigned
Sheet	2	Attorney Docket Number	03579/LH



**OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	C	CHANG, S. G. et al., "Adaptive Wavelet Thresholding for Image Denoising and Compression" IEEE Transactions on Image Processing, IEEE Inc. New York, US, Vol. 9, No. 9, September 9, 2000, Pgs. 1532-1546, XP000963526, ISSN:1057-7149.	
	D	DONOHU D. L. et al., "Threshold Selection for Wavelet Shrinkage of Noisy Data" Engineering in Medicine and Biology Society, 1994, Engineering Advances: New Opportunities for Biomedical Engineers., Proceedings of the 16 <sup>th</sup> Annual International Conference of the IEEE Baltimore, MD, USA November 3-6, 1994, New York, NY, USA, IEEE, US, November 3, 1994, Pgs. A24-A25, XP010145191, ISBN: 0-7803-2050-6.	
	E	NOWAK, R. D. et al. "Wavelet-Domain Filtering for Photon Imaging Systems" IEEE Transactions on Image Processing, IEEE Inc. New York, US, Vol. 8, No. 5, May 1, 1999, Pgs. 666-678, XP002240325, ISSN: 1057-7149.	
	F	SHAPIRO J. M., "Embedded Image Coding Using Zerotrees of Wavelet Coefficients" IEEE Transactions on Signal Processing, IEEE, Inc. New York, US, Vol. 41, No. 12, December 1, 1993, Pgs. 3445-3462, XP000426658, ISSN: 1053-587X	
Examiner Signature		Date Considered	

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